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# SEARCH REQUEST FORM

Requestor's Name: VANDERVEGT Serial Number: 09/442,489  
 Date: 9/1/00 Phone: 305-6997 Art Unit: 1644  
CM1 9B13

## Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

PLEASE DO A  
LITIGATION SEARCH  
OF U.S. PATENT  
5,691,454

THANKS,  
*[Signature]*

CM1 9B13

*Christina Chan*

-1644

Rush

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Date completed: <u>9-7-00</u>	Search Site	Vendors
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LEVEL 1 - 1 OF 1 PATENT

5,691,454

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Nov. 25, 1997

APC antibodies

INVENTOR: Albertsen, Hans, Salt Lake City, Utah  
Anand, Rakesh, Sandbach, England  
Carlson, Mary, Salt Lake City, Utah  
Grodén, Joanna, Salt Lake City, Utah  
Hedge, Philip John, Winsford, England  
Joslyn, Geoff, Salt Lake City, Utah  
Kinzler, Kenneth, Baltimore, Maryland  
Markham, Alexander Fred, Crewe, England  
Nakamura, Yusuke, Tokyo, Japan  
Thliveris, Andrew, Salt Lake City, Utah  
Vogelstein, Bert, Baltimore, Maryland  
White, Raymond L., Salt Lake City, Utah

CORE TERMS: sequence, gene, cdna, patient, exon, deletion, mutation, linear,  
clone, nucleic acid...

5,691,454 OR 5691454

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

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For further explanation, press the H key (for HELP) and then the ENTER key.

5,691,454 OR 5691454

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5,691,454 OR 5691454

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Dialog level 00.07.20D

File 345:Inpadoc/Fam.& Legal Stat 1968-2000/UD=200034  
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Set	Items	Description
S1	1	PN=US 5691454

1/39/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat  
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9828540

Basic Patent (No,Kind,Date): GB 9100962 A0 19910227 <No. of Patents: 013>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
AU 9213669	A1	19920827	AU 9213669	A	19920116	
EP 569527	A1	19931118	EP 92906080	A	19920116	
GB 9100962	A0	19910227	GB 91962	A	19910116	(BASIC)
GB 9100963	A0	19910227	GB 91963	A	19910116	
GB 9100974	A0	19910227	GB 91974	A	19910116	
GB 9100975	A0	19910227	GB 91975	A	19910116	
JP 7500241	T2	19950112	JP 92506203	A	19920116	
US 5352775	A	19941004	US 741940	A	19910808	
US 5648212	A	19970715	US 289548	A	19940812	
US 5691454	A	19971125	US 452654	A	19950525	
US 5783666	A	19980721	US 452655	A	19950525	
US RE36713	E	20000523	US 726870	A	19961004	
WO 9213103	A1	19920806	WO 92US376	A	19920116	

Priority Data (No,Kind,Date):

WO 92US376 A 19920116  
GB 91963 A 19910116  
US 741940 A 19910808  
WO 92US376 W 19920116  
GB 91962 A 19910116  
GB 91974 A 19910116  
GB 91975 A 19910116  
US 289548 A 19940812  
US 741940 A3 19910808  
US 452654 A 19950525  
US 289548 A3 19940812  
US 452655 A 19950525  
US 726870 A 19961004  
US 741940 A5 19910808

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9213669 A1 19920827

INHERITED AND SOMATIC MUTATIONS OF APC GENE IN COLORECTAL CANCER OF HUMANS (English)

Patent Assignee: UNIV JOHNS HOPKINS

Author (Inventor): KINZLER KENNETH W; VOGELSTEIN BERT; ANAND RAKESH;  
HEDGE PHILIP JOHN; MARKHAM ALEXANDER FRED; ALBERTSEN HANS; CARLSON  
MARY L; GRODEN JOANNA L; JOSLYN GEOFF; THLIVERIS ANDREW; WHITE

RAYMOND L; NAKAMURA YUSUKE  
 Priority (No,Kind,Date): WO 92US376 A 19920116; GB 91963 A  
 19910116; US 741940 A 19910808  
 Applic (No,Kind,Date): AU 9213669 A 19920116  
 IPC: \* C12Q-001/68; C12N-015/12  
 Language of Document: English

CANADA (CA)

Legal Status (No,Type,Date,Code,Text):  
 CA 2100472 P 19930713 CA REFW CORRESPONDS TO PCT  
 APPLICATION (ENTSPRICHT PCT ANMELDUNG)  
 WO 9213103 P

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 569527 A1 19931118  
 INHERITED AND SOMATIC MUTATIONS OF APC GENE IN COLORECTAL CANCER OF  
 HUMANS (English; French; German)  
 Patent Assignee: UNIV JOHNS HOPKINS (US); ICI PLC (GB); UNIV UTAH  
 (US); JAPAN FOUND CANCER (JP)  
 Author (Inventor): KINZLER KENNETH W (US); VOGELSTEIN BERT (US);  
 ANAND RAKESH (GB); HEDGE PHILIP JOHN (GB); MARKHAM ALEXANDER FRED  
 (GB); ALBERTSEN HANS (US); CARLSON MARY L (US); GRODEN JOANNA L  
 (US); JOSLYN GEOFF (US); THLIVERIS ANDREW (US); WHITE RAYMOND L  
 (US); NAKAMURA YUSUKE (JP)  
 Priority (No,Kind,Date): WO 92US376 W 19920116; GB 91963 A  
 19910116; US 741940 A 19910808  
 Applic (No,Kind,Date): EP 92906080 A 19920116  
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;  
 LI; LU; MC; NL; SE  
 IPC: \* C12Q-001/68; C12N-015/12  
 CA Abstract No: \* 118(09)078665V  
 Derwent WPI Acc No: \* C 92-284685  
 Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):  
 EP 569527 P 19910116 EP AA PRIORITY (PATENT  
 APPLICATION) (PRIORITAET (PATENTANMELDUNG))  
 GB 91963 A 19910116  
 EP 569527 P 19910808 EP AA PRIORITY (PATENT  
 APPLICATION) (PRIORITAET (PATENTANMELDUNG))  
 US 741940 A 19910808  
 EP 569527 P 19920116 EP AA PCT-APPLICATION  
 (PCT-ANMELDUNG)  
 WO 92US376 W 19920116  
 EP 569527 P 19920116 EP AE EP-APPLICATION  
 (EUROPAEISCHE ANMELDUNG)  
 EP 92906080 A 19920116  
 EP 569527 P 19931118 EP AK DESIGNATED CONTRACTING  
 STATES IN AN APPLICATION WITH SEARCH REPORT  
 (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)  
 AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE  
 EP 569527 P 19931118 EP A1 PUBLICATION OF APPLICATION  
 WITH SEARCH REPORT (VEROEFFENTLICHUNG DER



ANMELDUNG MIT RECHERCHENBERICHT)  
 EP 569527 P 19931118 EP 17P REQUEST FOR EXAMINATION  
 FILED (PRUEFUNGSANTRAG GESTELLT)  
 930813  
 EP 569527 P 19941214 EP RAP1 APPLICANT (CORRECTION)  
 (ANMELDER (KORR.))  
 THE JOHNS HOPKINS UNIVERSITY ; ZENECA LIMITED  
 ; THE UNIVERSITY OF UTAH ; JAPANESE  
 FOUNDATION FOR CANCER RESEARCH  
 EP 569527 P 19990310 EP 17Q FIRST EXAMINATION REPORT  
 (ERSTER PRUEFUNGSBESCHEID)  
 990122

GREAT BRITAIN (GB)

Patent (No,Kind,Date): GB 9100962 A0 19910227  
 POLYNUCLEOTIDES (English)  
 Patent Assignee: ICI PLC  
 Priority (No,Kind,Date): GB 91962 A 19910116  
 Applic (No,Kind,Date): GB 91962 A 19910116  
 Language of Document: English  
 Patent (No,Kind,Date): GB 9100963 A0 19910227  
 NUCLEIC ACID (English)  
 Patent Assignee: ICI PLC  
 Priority (No,Kind,Date): GB 91963 A 19910116  
 Applic (No,Kind,Date): GB 91963 A 19910116  
 Language of Document: English  
 Patent (No,Kind,Date): GB 9100974 A0 19910227  
 NUCLEOTIDES (English)  
 Patent Assignee: ICI PLC  
 Priority (No,Kind,Date): GB 91974 A 19910116  
 Applic (No,Kind,Date): GB 91974 A 19910116  
 Language of Document: English  
 Patent (No,Kind,Date): GB 9100975 A0 19910227  
 POLYNUCLEOTIDE (English)  
 Patent Assignee: ICI PLC  
 Priority (No,Kind,Date): GB 91975 A 19910116  
 Applic (No,Kind,Date): GB 91975 A 19910116  
 Language of Document: English

JAPAN (JP)

Patent (No,Kind,Date): JP 7500241 T2 19950112  
 Priority (No,Kind,Date): WO 92US376 W 19920116; US 741940 A  
 19910808  
 Applic (No,Kind,Date): JP 92506203 A 19920116  
 IPC: \* C12Q-001/68; A61K-039/395; C12N-015/10; C12N-015/11;  
 G01N-033/50; G01N-033/53; G01N-033/574  
 CA Abstract No: \* 118(09)078665V  
 Derwent WPI Acc No: \* C 92-284685; C 94-316233  
 Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5352775 A 19941004  
 APC GENE AND NUCLEIC ACID PROBES DERIVED THEREFROM (English)  
 Patent Assignee: UNIV JOHNS HOPKINS (US); UNIV UTAH (US); ICI LTD  
 (GB); CANCER INST (JP)  
 Author (Inventor): ALBERTSEN HANS (US); ANAND RAKESH (US); CARLSON  
 MARY (US); GRODEN JOANNA (US); HEDGE PHILIP J (US); JOSLYN GEOFF

(US); KINZLER KENNETH (US); MARKHAM ALEXANDER F (GB); NAKAMURA YUSUKE (US); THLIVERIS ANDREW (US); VOGELSTEIN BERT (US); WHITE RAYMOND L (US)

Priority (No,Kind,Date): GB 91962 A 19910116; GB 91963 A 19910116; GB 91974 A 19910116; GB 91975 A 19910116

Applic (No,Kind,Date): US 741940 A 19910808

National Class: \* 536023100; 935008000; 935009000; 435006000

IPC: \* C07H-021/00; C12Q-001/68

CA Abstract No: \* 118(09)078665V; 122(09)098801X; 122(09)098801X

Derwent WPI Acc No: \* C 92-284685; C 94-316233; C 97-372053; C 98-017712; C 94-316233

Language of Document: English

Patent (No,Kind,Date): US 5648212 A 19970715

DETECTION OF INHERITED AND SOMATIC MUTATIONS OF APC GENE IN COLORECTAL CANCER OF HUMANS (English)

Patent Assignee: UNIV JOHNS HOPKINS (US); UNIV UTAH (US); JAPAN FOUND CANCER (JP); ZENECA LTD (GB)

Author (Inventor): ALBERTSEN HANS (US); ANAND RAKESH (GB); CARLSON MARY (US); GRODEN JOANNA (US); HEDGE PHILIP JOHN (GB); JOSLYN GEOFF (US); KINZLER KENNETH (US); MARKHAM ALEXANDER (GB); NAKAMURA YUSUKE (JP); THLIVERIS ANDREW (US); VOGELSTEIN BERT (US); WHITE RAYMOND L (US)

Priority (No,Kind,Date): US 289548 A 19940812; GB 91962 A 19910116; GB 91963 A 19910116; GB 91974 A 19910116; GB 91975 A 19910116; US 741940 A3 19910808

Applic (No,Kind,Date): US 289548 A 19940812

Addnl Info: 5352775 Patented

National Class: \* 435006000; 435091100; 435091200; 536023500; 536024310; 536024330; 935077000; 935078000

IPC: \* C07H-021/04; C07H-021/02; C12P-019/34; C12Q-001/68

CA Abstract No: \* 118(09)078665V; 122(09)098801X

Derwent WPI Acc No: \* C 92-284685; C 94-316233; C 97-372053; C 98-017712; C 97-372053

Language of Document: English

Patent (No,Kind,Date): US 5691454 A 19971125

APC ANTIBODIES (English)

Patent Assignee: UNIV JOHNS HOPKINS (US); UNIV UTAH (US); CANCER INST (GB); ICI PLC (JP)

Author (Inventor): ALBERTSEN HANS (US); ANAND RAKESH (GB); CARLSON MARY (US); GRODEN JOANNA (US); HEDGE PHILIP JOHN (GB); JOSLYN GEOFF (US); KINZLER KENNETH (US); MARKHAM ALEXANDER FRED (GB); NAKAMURA YUSUKE (JP); THLIVERIS ANDREW (US); VOGELSTEIN BERT (US); WHITE RAYMOND L (US)

Priority (No,Kind,Date): US 452654 A 19950525; GB 91962 A 19910116; GB 91963 A 19910116; GB 91974 A 19910116; GB 91975 A 19910116; US 289548 A3 19940812; US 741940 A3 19910808

Applic (No,Kind,Date): US 452654 A 19950525

Addnl Info: 5352775 Patented

National Class: \* 530387700; 530387900; 530388800; 530389700; 536023500

IPC: \* C07K-016/32; C12N-005/12; C12N-015/12

CA Abstract No: \* 118(09)078665V; 122(09)098801X

Derwent WPI Acc No: \* C 92-284685; C 94-316233; C 97-372053; C 98-017712; C 98-017712

Language of Document: English

Patent (No,Kind,Date): US 5783666 A 19980721

APC (ADENOMATOUS POLYOSIS COLI) PROTEIN (English)

Patent Assignee: UNIV JOHNS HOPKINS (US); UNIV UTAH (US); ZENECA PHARMACEUTICALS (GB); CANCER INST (JP)

Author (Inventor): ALBERTSEN HANS (US); ANAND RAKESH (GB); CARLSON MARY (US); GRODEN JOANNA (US); HEDGE PHILIP JOHN (GB); JOSLYN GEOFF (US); KINZLER KENNETH (US); MARKHAM ALEXANDER FRED (GB); NAKAMURA YUSUKE (JP); THLIVERIS ANDREW (US); VOGELSTEIN BERT (US); WHITE RAYMOND L (US)

Priority (No,Kind,Date): US 452655 A 19950525; GB 91962 A 19910116; GB 91963 A 19910116; GB 91975 A 19910116; GB 91974 A 19910116; US 289548 A3 19940812; US 741940 A3 19910808

Applic (No,Kind,Date): US 452655 A 19950525

Addnl Info: 5352775 Patented

National Class: \* 530350000; 530828000; 930010000

IPC: \* C07K-014/47

CA Abstract No: \* 118(09)078665V; 122(09)098801X

Derwent WPI Acc No: \* C 92-284685; C 94-316233; C 97-372053; C 98-017712; C 98-427100; C 98-427100

Language of Document: English

Patent (No,Kind,Date): US RE36713 E 20000523

APC GENE AND NUCLEIC ACID PROBES DERIVED THEREFROM (English)

Patent Assignee: UNIV JOHNS HOPKINS (US); UNIV UTAH (US); ZENECA (GB); CANCER INST (JP)

Author (Inventor): VOGELSTEIN BERT (US); KINZLER KENNETH W (US); ALBERTSON HANS (US); ANAND RAKESH (GB); CARLSON MARY (US); GRODEN JOANNA (US); HEDGE PHILIP JOHN (GB); JOSLYN GEOFF (US); MARKHAM ALEXANDER FRED (GB); NAKAMURA YUSUKE (JP); THLIVERIS ANDREW (US); WHITE RAYMOND (US)

Priority (No,Kind,Date): US 726870 A 19961004; GB 91962 A 19910116; GB 91963 A 19910116; GB 91974 A 19910116; GB 91975 A 19910116; US 741940 A5 19910808

Applic (No,Kind,Date): US 726870 A 19961004

Addnl Info: 5352775 19941004 Reissue of

National Class: \* 536023500; 536024310; 536024330; 536023100; 435006000; 935006000; 935008000; 935009000

IPC: \* C12N-015/12; C07K-014/435; C12Q-001/68

CA Abstract No: \* 118(09)078665V; 122(09)098801X

Derwent WPI Acc No: \* C 92-284685; C 94-316233; C 97-372053; C 98-017712; C 98-427100

Language of Document: English

## UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 36713	E	19910116	US AA	PRIORITY (PATENT)
			GB 91962 A	19910116
US 36713	E	19910116	US AA	PRIORITY (PATENT)
			GB 91963 A	19910116
US 36713	E	19910116	US AA	PRIORITY (PATENT)
			GB 91974 A	19910116
US 36713	E	19910116	US AA	PRIORITY (PATENT)
			GB 91975 A	19910116
US 36713	E	19910808	US AA	PRIORITY
			US 741940 A5	19910808
US 36713	E	19961004	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 726870 A	19961004
US 36713	E	20000523	US E	REISSUE
US 5352775	P	19910116	US AA	PRIORITY (PATENT)

			GB 91962 A	19910116	
US 5352775	P	19910116	US AA	PRIORITY (PATENT)	
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US 5352775	P	19910116	US AA	PRIORITY (PATENT)	
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US 5352775	P	19910116	US AA	PRIORITY (PATENT)	
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US 5352775	P	19910808	US AE	APPLICATION DATA (PATENT)	
			(APPL. DATA (PATENT))		
			US 741940 A	19910808	
US 5352775	P	19911209	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST	
			UNIVERSITY OF UTAH, THE A CORPORATION OF UTAH		
			SUITE 170 421 WAKARA WAY SALT LAKE ;		
			ALBERTSEN, HANS : 19911024; CARLSON, MARY :		
			19911024; GRODEN, JOANNA : 19911024; JOSLYN,		
			GEOFF : 19911024; THLIVERIS, AN : 19911024;		
US 5352775	P	19941004	US A	PATENT	
US 5352775	P	19960910	US CC	CERTIFICATE OF CORRECTION	
US 5352775	P	19970715	US RF	REISSUE APPLICATION FILED	
			(REISSUE APPL. FILED)		
			961004		
US 5648212	P	19910116	US AA	PRIORITY (PATENT)	
			GB 91962 A	19910116	
US 5648212	P	19910116	US AA	PRIORITY (PATENT)	
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US 5648212	P	19910116	US AA	PRIORITY (PATENT)	
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US 5648212	P	19910808	US AA	PRIORITY	
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US 5648212	P	19940812	US AE	APPLICATION DATA (PATENT)	
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			US 289548 A	19940812	
US 5648212	P	19970715	US A	PATENT	
US 5691454	P	19910116	US AA	PRIORITY (PATENT)	
			GB 91962 A	19910116	
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US 5691454	P	19910116	US AA	PRIORITY (PATENT)	
			GB 91975 A	19910116	
US 5691454	P	19910808	US AA	PRIORITY	
			US 741940 A3	19910808	
US 5691454	P	19940812	US AA	PRIORITY	
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US 5691454	P	19950525	US AE	APPLICATION DATA (PATENT)	
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			US 452654 A	19950525	
US 5691454	P	19971125	US A	PATENT	
US 5691454	P	20000125	US RF	REISSUE APPLICATION FILED	
			(REISSUE APPL. FILED)		
			19991118		
US 5783666	P	19910116	US AA	PRIORITY (PATENT)	
			GB 91962 A	19910116	

US 5783666	P	19910116	US AA	PRIORITY (PATENT)
		GB 91963	A	19910116
US 5783666	P	19910116	US AA	PRIORITY (PATENT)
		GB 91974	A	19910116
US 5783666	P	19910116	US AA	PRIORITY (PATENT)
		GB 91975	A	19910116
US 5783666	P	19910808	US AA	PRIORITY
		US 741940	A3	19910808
US 5783666	P	19940812	US AA	PRIORITY
		US 289548	A3	19940812
US 5783666	P	19950525	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 452655	A	19950525
US 5783666	P	19980721	US A	PATENT

## WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9213103 A1 19920806

INHERITED AND SOMATIC MUTATIONS OF APC GENE IN COLORECTAL CANCER OF HUMANS (English)

Patent Assignee: UNIV JOHNS HOPKINS (US); ICI PLC (GB); UNIV UTAH (US); CANCER INST (JP)

Author (Inventor): KINZLER KENNETH W (US); VOGELSTEIN BERT (US); ANAND RAKESH (GB); HEDGE PHILIP JOHN (GB); MARKHAM ALEXANDER FRED (GB); ALBERTSEN HANS (US); CARLSON MARY L (US); GRODEN JOANNA L (US); JOSLYN GEOFF (US); THLIVERIS ANDREW (US); WHITE RAYMOND L (US); NAKAMURA YUSUKE (JP)

Priority (No,Kind,Date): GB 91963 A 19910116; US 741940 A 19910808

Applic (No,Kind,Date): WO 92US376 A 19920116

Designated States: (National) AT; AU; BB; BG; BR; CA; CH; CS; DE; DK; ES; FI; GB; HU; JP; KP; KR; LK; LU; MG; MN; MW; NL; NO; PL; RO; RU; SD; SE (Regional) AT; BE; BF; BJ; CF; CG; CH; CI; CM; DE; DK; ES; FR; GA; GB; GN; GR; IT; LU; MC; ML; MR; NL; SE; SN; TD; TG

Filing Details: WO 130000 With international search report; Before expiration of time limit for amending the claims and to be republished in the event of the receipt of the amendments

IPC: \* C12Q-001/68; C12N-015/12

CA Abstract No: ; 118(09)078665V

Derwent WPI Acc No: ; C 92-284685

Language of Document: English

## WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):

WO 9213103	P	19910116	WO AA	PRIORITY (PATENT)
		GB 91963	A	19910116
WO 9213103	P	19910808	WO AA	PRIORITY (PATENT)
		US 741940	A	19910808
WO 9213103	P	19920116	WO AE	APPLICATION DATA (APPL. DATA)
		WO 92US376	A	19920116
WO 9213103	P	19920806	WO AK	DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)
		AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO PL RO RU SD SE		
WO 9213103	P	19920806	WO AL	DESIGNATED COUNTRIES FOR

REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT)  
 AT BE BF BJ CF CG CH CI CM DE DK ES FR GA GB  
 GN GR IT LU MC ML MR NL SE SN TD TG

WO 9213103	P	19920806	WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9213103	P	19921015	WO COP	CORRECTED VERSION OF PAMPHLET
WO 9213103	P	19921029	WO DFPE	PCT FORM PCT/RO/134 (MICROORGANISMS) ADDED DEMAND FOR INTERNATIONAL APPLICATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (DEMAND FOR INTERNATIONAL APPL. FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE)
WO 9213103	P	19921126	WO COP	CORRECTED VERSION OF PAMPHLET PAGES 1-110, DESCRIPTION, REPLACED BY NEW PAGES 1-110; PAGES 111-122, CLAIMS, REPLACED BY NEW PAGES 111-122; PAGES 1/11-11/11, DRAWINGS, REPLACED BY NEW PAGES 1/48-48/48; DUE TO LATE TRANSMITTAL BY THE RECEIVING OFFICE
WO 9213103	P	19930713	WO ENP	ENTRY INTO THE NATIONAL PHASE IN: CA 2100472 AA
WO 9213103	P	19931111	DE 8642/REG	WITHDRAWAL (ZURUECKNAHME)

QUESTEL

Current host setting :7 BITS - KERMIT protocol

Mode actif du serveur :7 BITS - protocole KERMIT

QUESTEL.ORBIT (TM) 1998

07/09/00 22\*23\*00

Last connection: 30/08/00 18\*13\*50

?file cl legal

**Selected file: LGST**

You are now connected to LGST

Current thru weekly updates (2000-35)

For information on content, ..INFO LGST

**Selected file: CRXX**

CRXX (CLAIMS Current Legal Status)

Legal Status actions current thru August 22, 2000 (2000-34/UP)

Reassignment data current as of April 13, 2000.

For info on technical content on this file, enter: INFO CRXX

**Selected file: PAST**

You are now connected to PAST

Covers 1973 thru weekly update (2000-35)

for further information on technical content of this database,  
type ..INFO PAST

**Selected file: LITA**

YOU ARE NOW CONNECTED TO LITA

CURRENT THRU WEEKLY UPDATE (2000-35)

For technical content information: TYPE ..INFO LITA

Cluster : LEGAL

Databases : LGST, CRXX, PAST, LITA

Search statement 1

?us5691454/pn

Term not in index/PN-LITA : US5691454

LGST	1
CRXX	1
PAST	1
LITA	0

**\*\* SS 1 : Results 3**

Search statement 2

?prt max 1-3 nonstop

**1/3 LGST (1/1) - (C) LEGSTAT**

PN - US 5691454 [US5691454]  
AP - US 452654/95 19950525 [1995US-0452654]  
DT - US-P  
ACT - 19950525 US/AE-A  
APPLICATION DATA (PATENT)  
{US 452654/95 19950525 [1995US-0452654]}  
- 19971125 US/A  
PATENT  
- 20000125 US/RF  
REISSUE APPLICATION FILED  
19991118  
UP - 2000-05

**2/3 CRXX (1/1) - (C) CLAIMS/RRX**

AN - 2911135  
PN - 5,691,454 A 19971125 [US5691454]  
PA - Cancer Institute The JP; Imperial Chemical Industries Ltd GB; Johns  
Hopkins University; Utah, University of  
PT - C (Chemical)  
ACT - 19991118 REISSUE REQUESTED  
Issue Date of O.G.: 20000125  
Reissue Request Number: 09/442489  
Examination Group responsible for Reissue process: 1643  
  
UP - 2000-04  
UACT- 2000-01-25

**3/3 PAST (1/1) - (C) PAST**

AN - 200004-001134  
PN - 5691454 A [US5691454]  
DT - A (UTILITY)  
OG - 2000-01-25  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED

?..st

Session finished: 07 SEP 2000 Time 22:23:43